

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102325AL\
 Data File : FC070015.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2025 12:08
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 24 01:32:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.641	3484936	19.846 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
12) S 1-chlorooctadecane (S...	13.077	2631669	19.387 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
Target Compounds			
1) T n-Nonane (C9)	3.380	2751294	20.036 ug/ml
2) T n-Decane (C10)	4.452	2926919	20.359 ug/ml
3) T A~Naphthalene (C11.7)	6.045	3180898	19.682 ug/ml
4) T n-Dodecane (C12)	6.474	3121669	20.366 ug/ml
5) T A~2-methylnaphthalene...	7.103	3101387	19.438 ug/ml
6) T n-Tetradecane (C14)	8.272	3232288	20.323 ug/ml
7) T n-Hexadecane (C16)	9.875	3398595	20.167 ug/ml
8) T n-Octadecane (C18)	11.320	3407617	20.030 ug/ml
10) T n-Eicosane (C20)	12.630	3185131	19.853 ug/ml
11) T n-Heneicosane (C21)	13.243	3073207	19.792 ug/ml
13) T n-Docosane (C22)	13.830	3018263	19.612 ug/ml
14) T n-Tetracosane (C24)	14.934	2922074	19.271 ug/ml
15) T n-Hexacosane (C26)	15.958	2777109	19.187 ug/ml
16) T n-Octacosane (C28)	16.909	2693823	19.478 ug/ml
17) T n-Tricontane (C30)	17.796	2771943	20.302 ug/ml
18) T n-Dotriacontane (C32)	18.630	2708492	21.007 ug/ml
19) T n-Tetratriacontane (C34)	19.414	2434502	21.337 ug/ml
20) T n-Hexatriacontane (C36)	20.155	2041612	21.110 ug/ml
21) T n-Octatriacontane (C38)	20.914	1814044	20.813 ug/ml
22) T n-Tetracontane (C40)	21.863	1653959	20.130 ug/ml

(f)=RT Delta > 1/2 Window

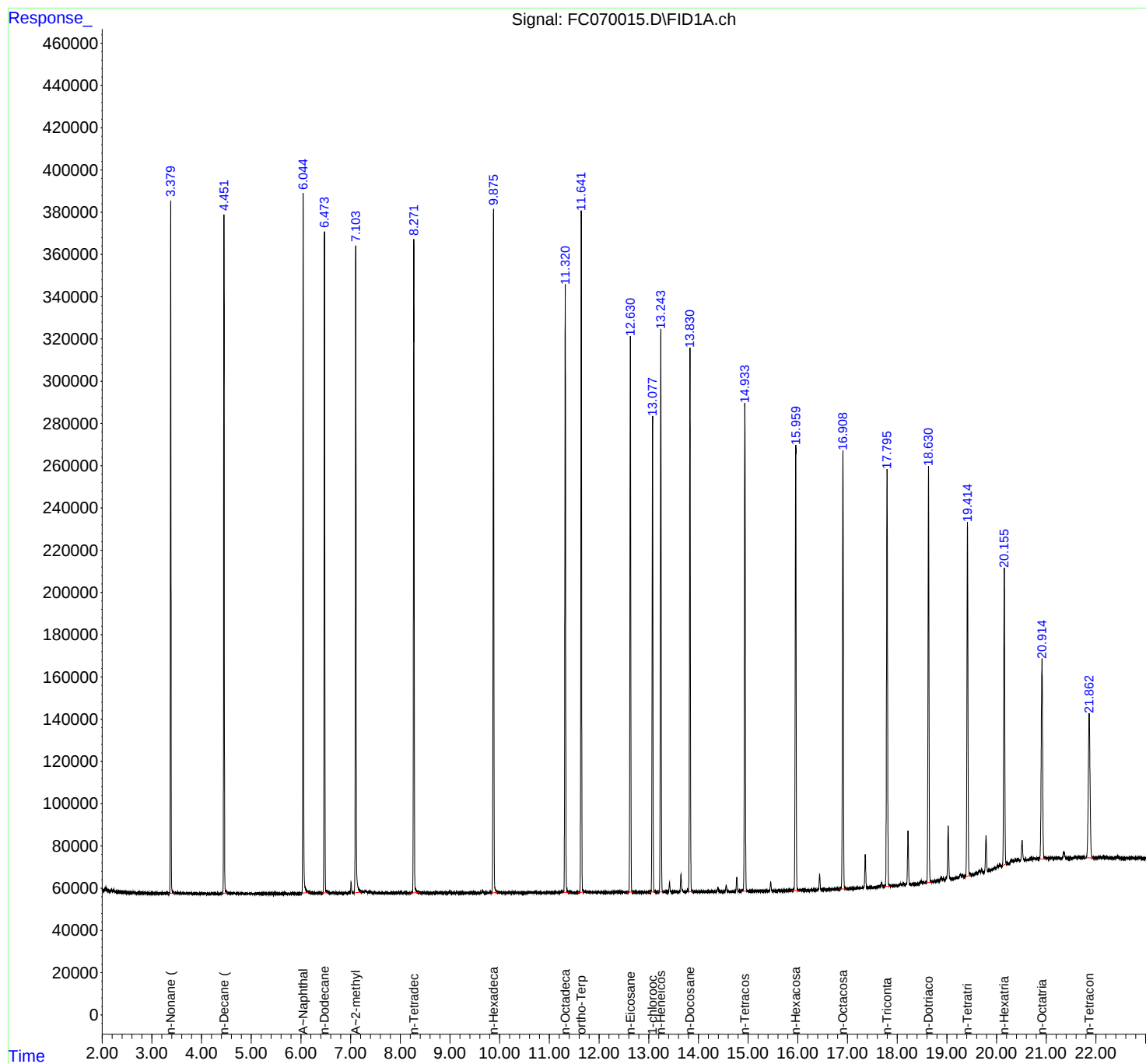
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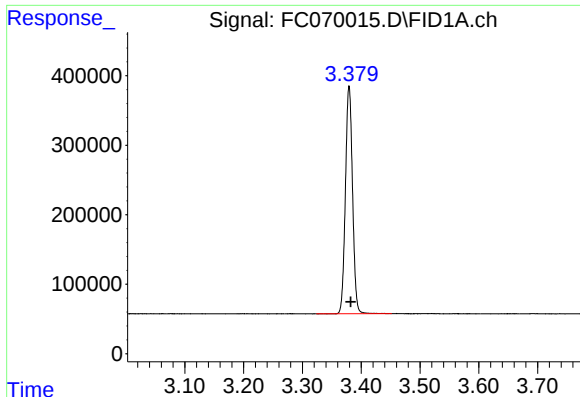
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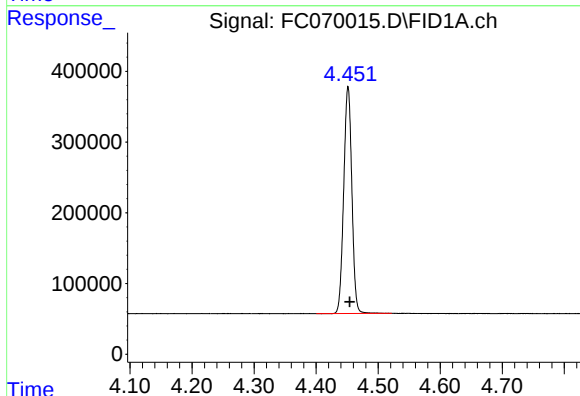




#1 n-Nonane (C9)

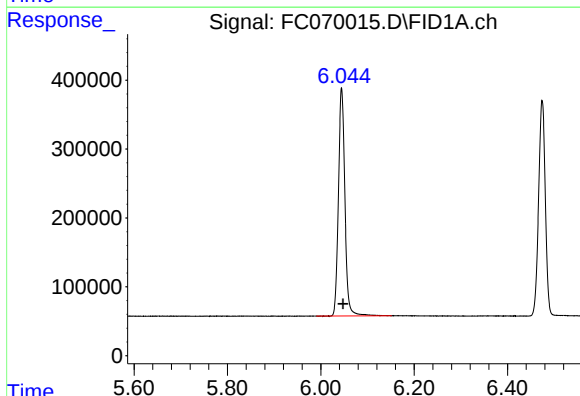
R.T.: 3.380 min
Delta R.T.: -0.002 min
Response: 2751294
Conc: 20.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



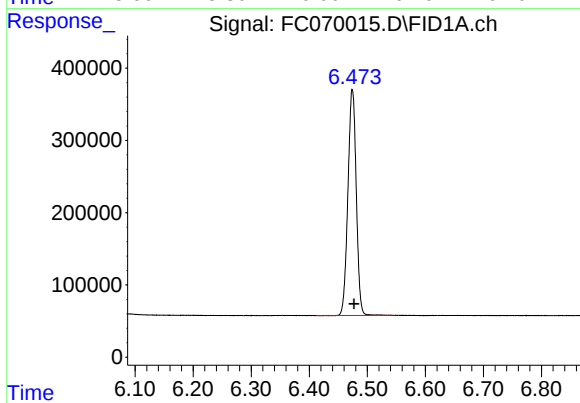
#2 n-Decane (C10)

R.T.: 4.452 min
Delta R.T.: -0.003 min
Response: 2926919
Conc: 20.36 ug/ml



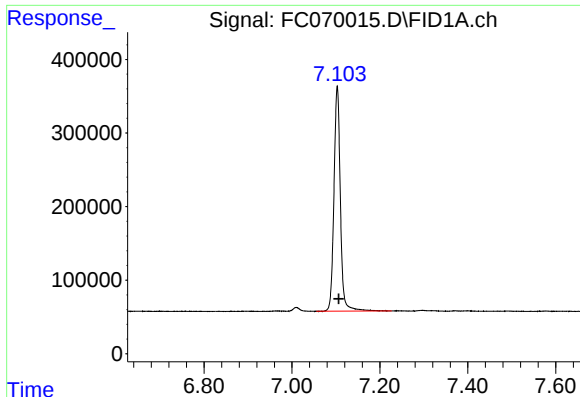
#3 A~Naphthalene (C11.7)

R.T.: 6.045 min
Delta R.T.: -0.003 min
Response: 3180898
Conc: 19.68 ug/ml



#4 n-Dodecane (C12)

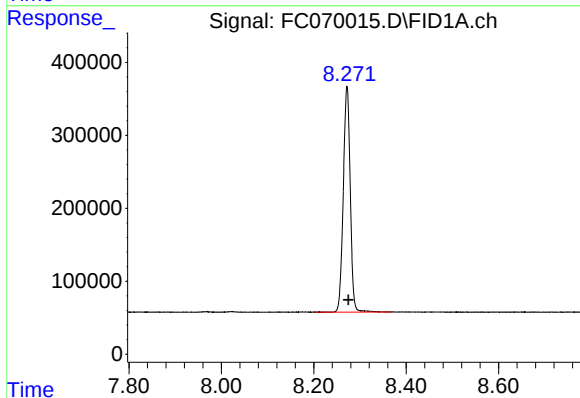
R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 3121669
Conc: 20.37 ug/ml



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

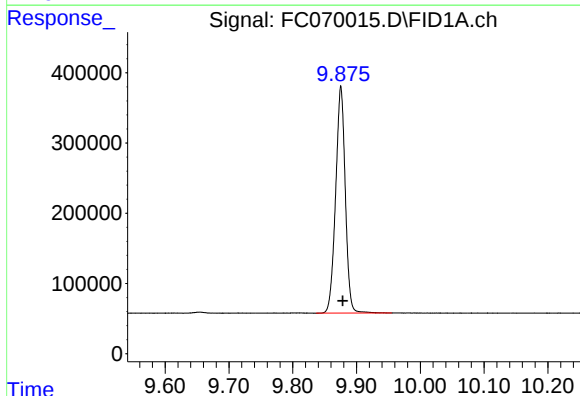
R.T.: 7.103 min
Delta R.T.: -0.003 min
Response: 3101387
Conc: 19.44 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



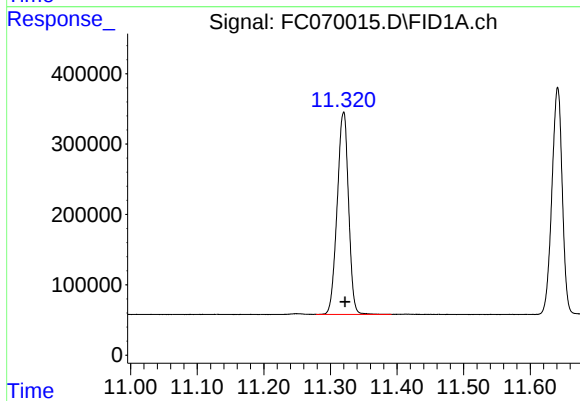
#6 n-Tetradecane (C14)

R.T.: 8.272 min
Delta R.T.: -0.003 min
Response: 3232288
Conc: 20.32 ug/ml



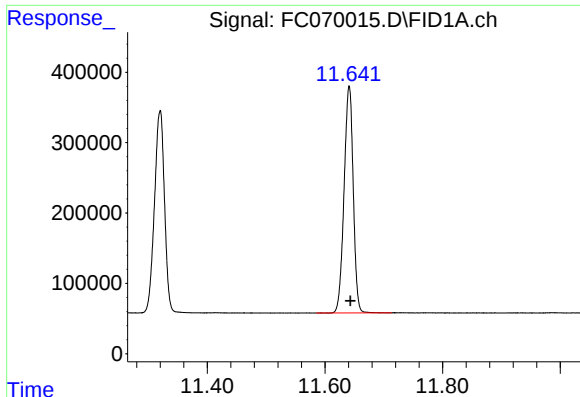
#7 n-Hexadecane (C16)

R.T.: 9.875 min
Delta R.T.: -0.003 min
Response: 3398595
Conc: 20.17 ug/ml



#8 n-Octadecane (C18)

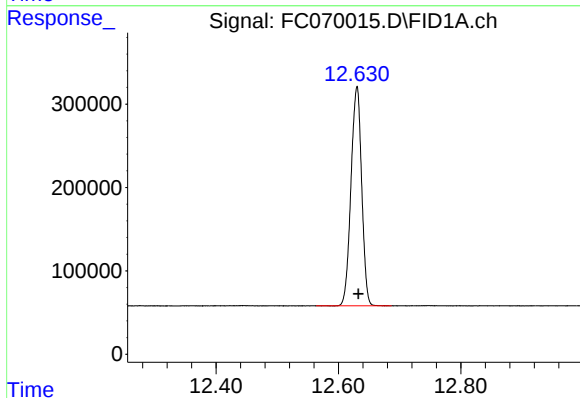
R.T.: 11.320 min
Delta R.T.: -0.002 min
Response: 3407617
Conc: 20.03 ug/ml



#9 ortho-Terphenyl (SURR)

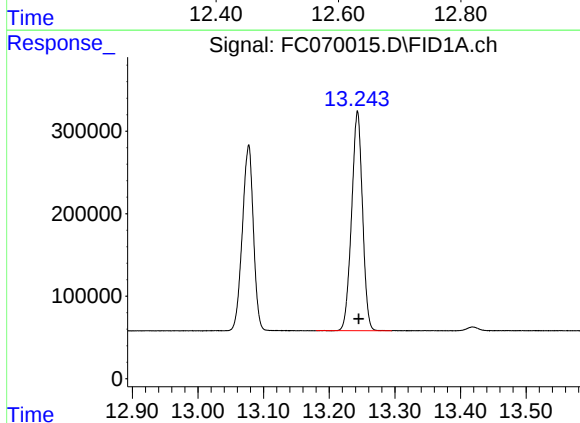
R.T.: 11.641 min
Delta R.T.: -0.003 min
Response: 3484936
Conc: 19.85 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



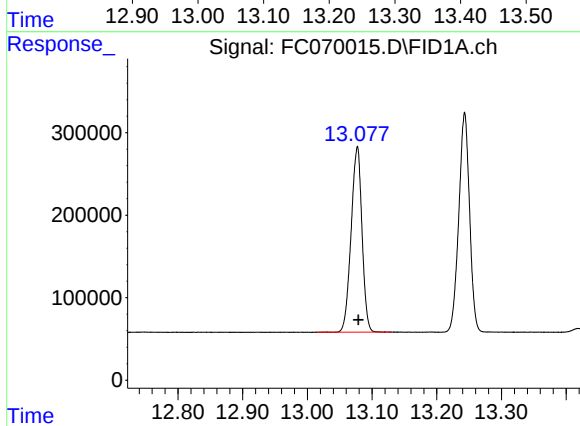
#10 n-Eicosane (C20)

R.T.: 12.630 min
Delta R.T.: -0.003 min
Response: 3185131
Conc: 19.85 ug/ml



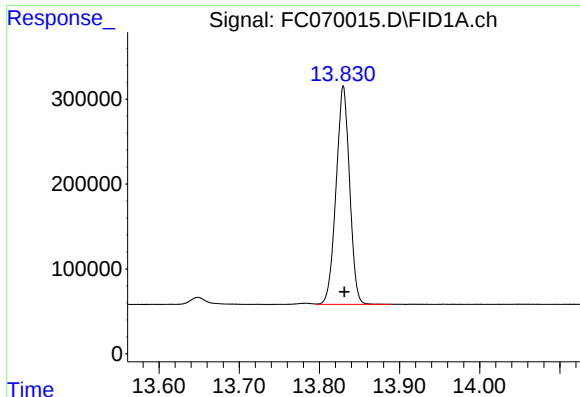
#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: -0.002 min
Response: 3073207
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

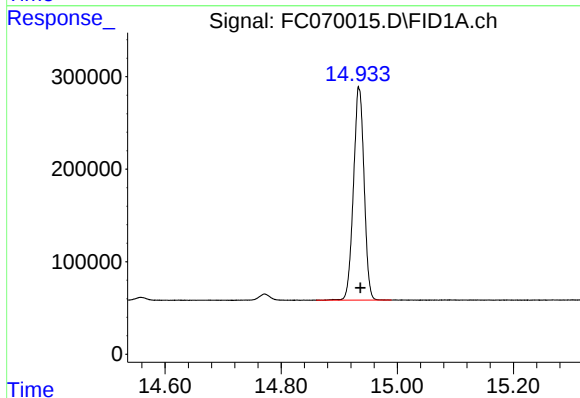
R.T.: 13.077 min
Delta R.T.: -0.002 min
Response: 2631669
Conc: 19.39 ug/ml



#13 n-Docosane (C22)

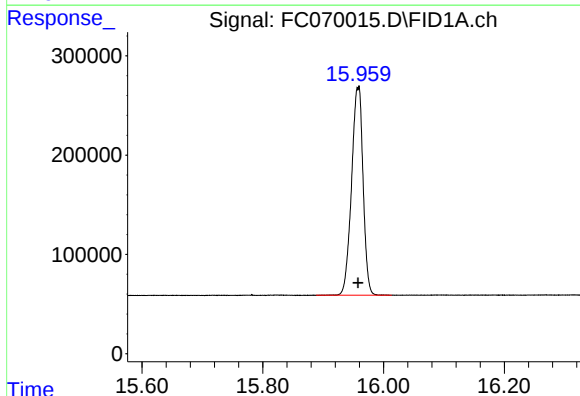
R.T.: 13.830 min
Delta R.T.: -0.001 min
Response: 3018263
Conc: 19.61 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



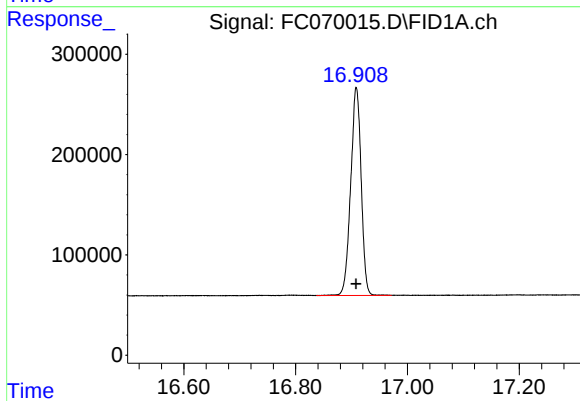
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.002 min
Response: 2922074
Conc: 19.27 ug/ml



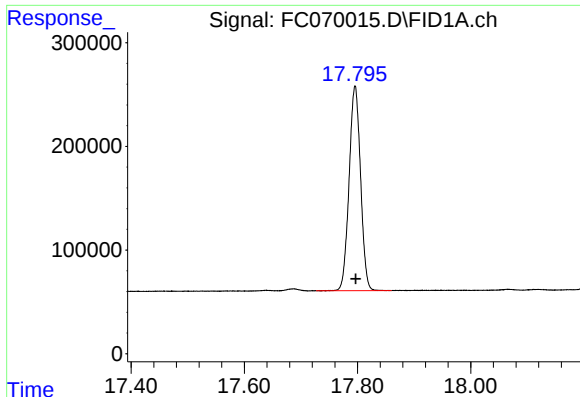
#15 n-Hexacosane (C26)

R.T.: 15.958 min
Delta R.T.: 0.000 min
Response: 2777109
Conc: 19.19 ug/ml



#16 n-Octacosane (C28)

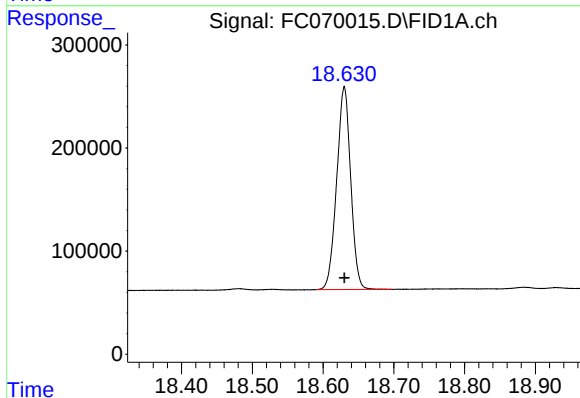
R.T.: 16.909 min
Delta R.T.: 0.000 min
Response: 2693823
Conc: 19.48 ug/ml



#17 n-Tricontane (C30)

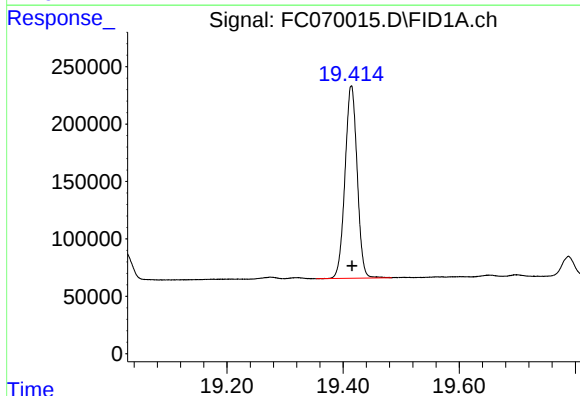
R.T.: 17.796 min
Delta R.T.: -0.001 min
Response: 2771943
Conc: 20.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



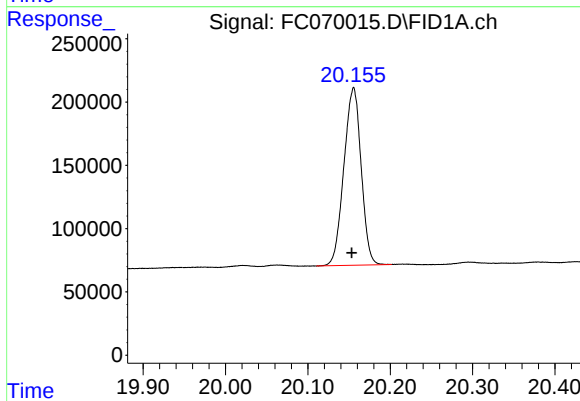
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.000 min
Response: 2708492
Conc: 21.01 ug/ml



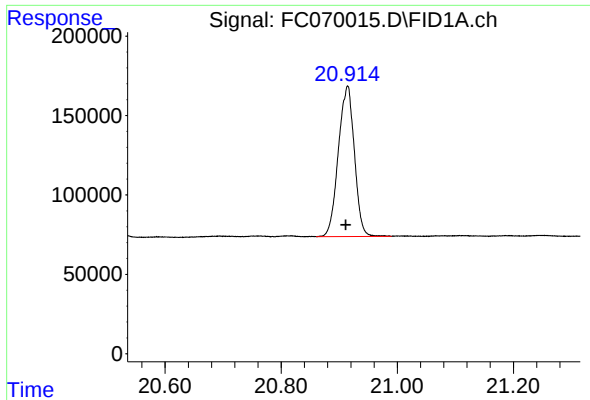
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.001 min
Response: 2434502
Conc: 21.34 ug/ml



#20 n-Hexatriacontane (C36)

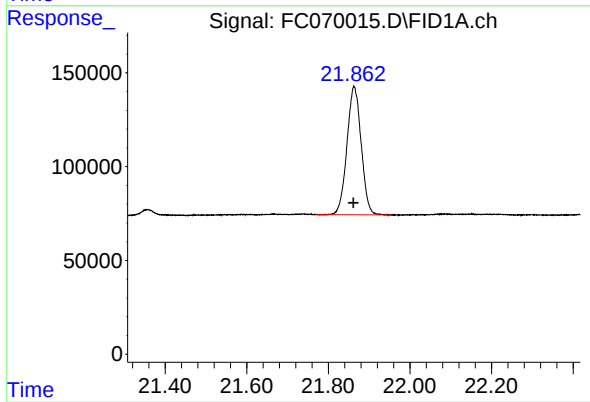
R.T.: 20.155 min
Delta R.T.: 0.002 min
Response: 2041612
Conc: 21.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.914 min
Delta R.T.: 0.003 min
Response: 1814044
Conc: 20.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.863 min
Delta R.T.: 0.001 min
Response: 1653959
Conc: 20.13 ug/ml