

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
 Data File : FC069222.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jun 2025 11:58
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 18 13:04:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 13:00:39 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)	11.686	8035113	49.225 ug/ml
Spiked Amount 50.000		Recovery =	98.45%
12) S 1-chlorooctadecane (S...	13.120	6029490	49.188 ug/ml
Spiked Amount 50.000		Recovery =	98.38%
Target Compounds			
1) T n-Nonane (C9)	3.410	6643725	48.888 ug/ml
2) T n-Decane (C10)	4.483	6866535	48.998 ug/ml
3) T A~Naphthalene (C11.7)	6.079	7502425	48.868 ug/ml
4) T n-Dodecane (C12)	6.510	7130717	49.113 ug/ml
5) T A~2-methylnaphthalene...	7.140	7422117	49.038 ug/ml
6) T n-Tetradecane (C14)	8.310	7295732	49.190 ug/ml
7) T n-Hexadecane (C16)	9.916	7618924	49.257 ug/ml
8) T n-Octadecane (C18)	11.362	7565304	49.295 ug/ml
10) T n-Eicosane (C20)	12.673	7024996	49.208 ug/ml
11) T n-Heneicosane (C21)	13.287	6773542	49.143 ug/ml
13) T n-Docosane (C22)	13.874	6604673	49.090 ug/ml
14) T n-Tetracosane (C24)	14.980	6337022	49.034 ug/ml
15) T n-Hexacosane (C26)	16.002	6031220	49.037 ug/ml
16) T n-Octacosane (C28)	16.954	5708418	49.129 ug/ml
17) T n-Tricontane (C30)	17.843	5495136	49.144 ug/ml
18) T n-Dotriacontane (C32)	18.677	5055272	49.259 ug/ml
19) T n-Tetratriacontane (C34)	19.461	4482554	49.282 ug/ml
20) T n-Hexatriacontane (C36)	20.203	3834019	49.334 ug/ml
21) T n-Octatriacontane (C38)	20.973	3467597	49.167 ug/ml
22) T n-Tetracontane (C40)	21.942	3289975	49.196 ug/ml

(f)=RT Delta > 1/2 Window

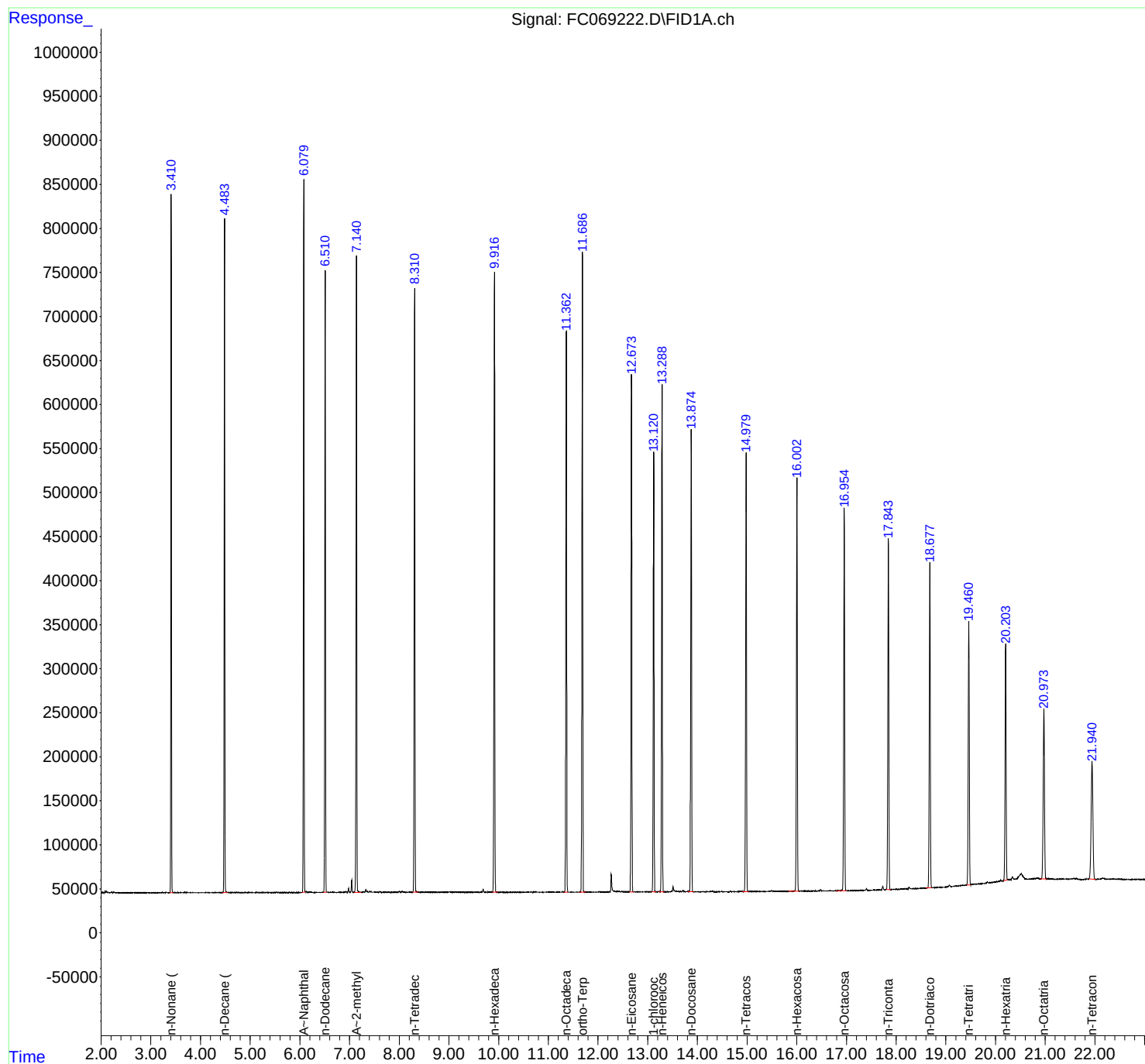
(m)=manual int.

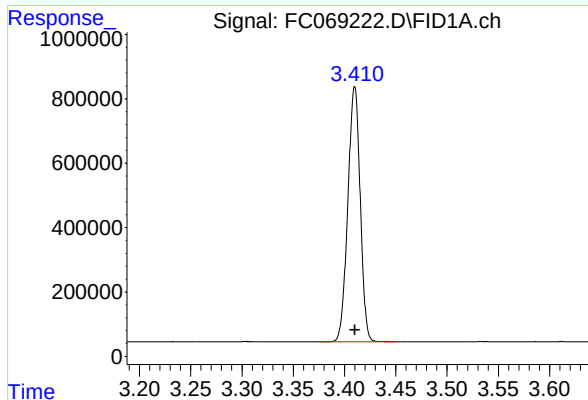
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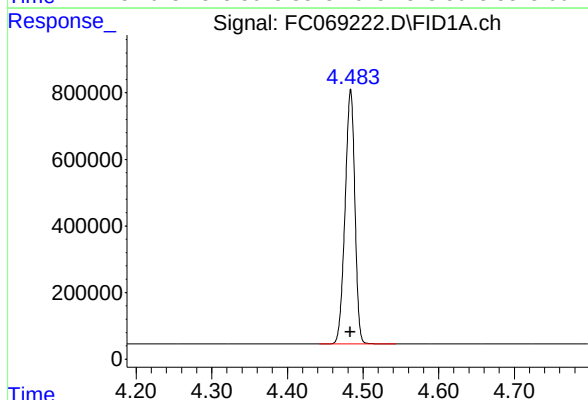




#1 n-Nonane (C9)

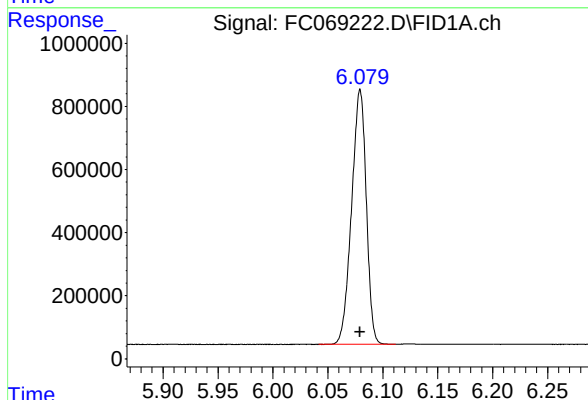
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 6643725
Conc: 48.89 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



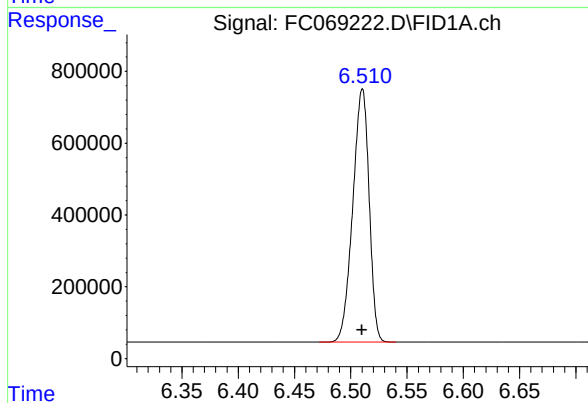
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 6866535
Conc: 49.00 ug/ml



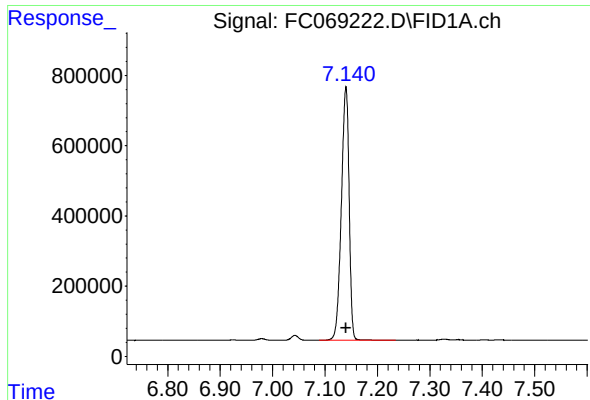
#3 A~Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 7502425
Conc: 48.87 ug/ml



#4 n-Dodecane (C12)

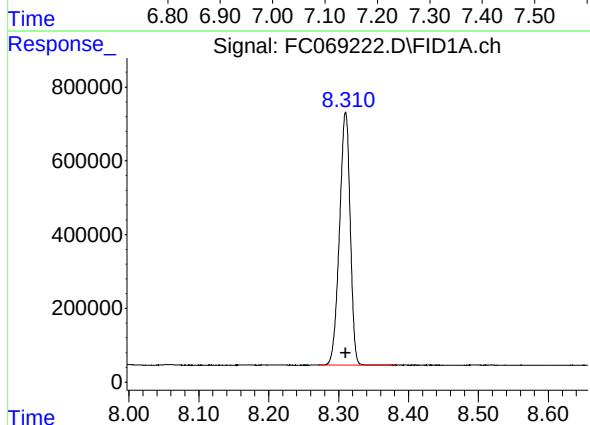
R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 7130717
Conc: 49.11 ug/ml



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

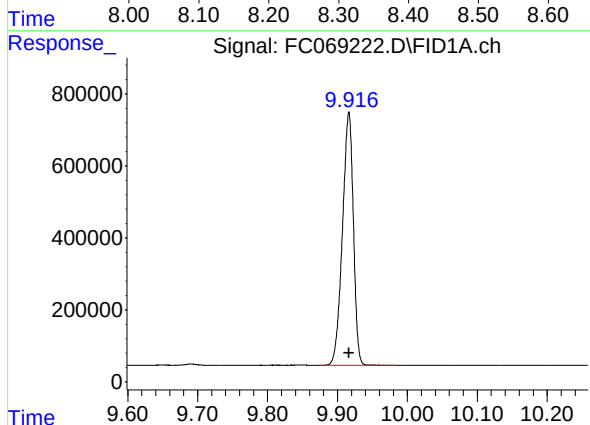
R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 7422117
Conc: 49.04 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



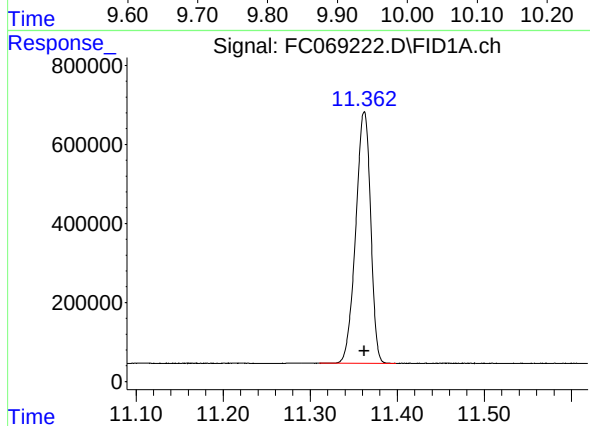
#6 n-Tetradecane (C14)

R.T.: 8.310 min
Delta R.T.: 0.000 min
Response: 7295732
Conc: 49.19 ug/ml



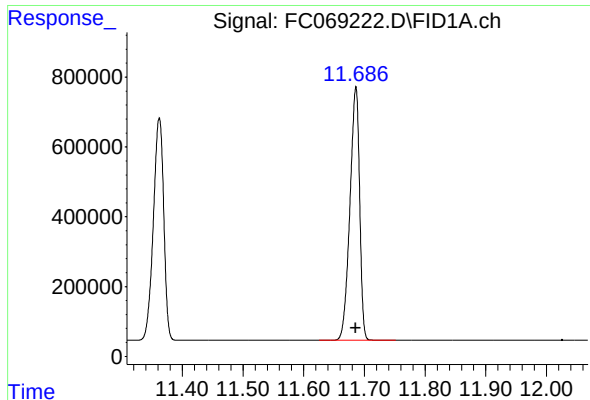
#7 n-Hexadecane (C16)

R.T.: 9.916 min
Delta R.T.: 0.000 min
Response: 7618924
Conc: 49.26 ug/ml



#8 n-Octadecane (C18)

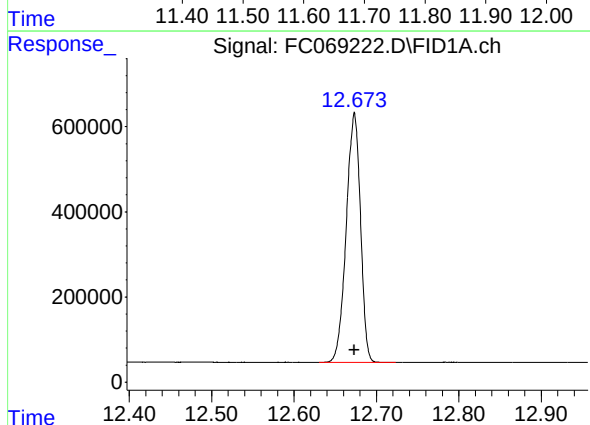
R.T.: 11.362 min
Delta R.T.: 0.000 min
Response: 7565304
Conc: 49.29 ug/ml



#9 ortho-Terphenyl (SURR)

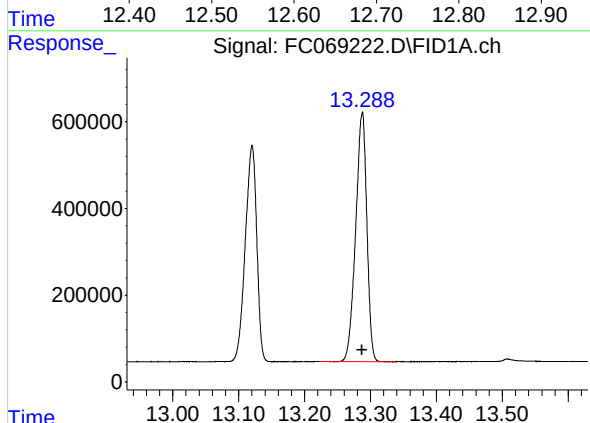
R.T.: 11.686 min
Delta R.T.: 0.000 min
Response: 8035113
Conc: 49.22 ug/ml

Instrument :
FID_C
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50 PPM ALIPHATIC HC STD2



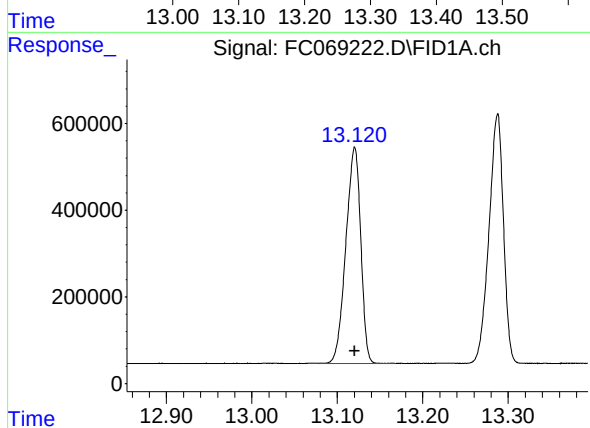
#10 n-Eicosane (C20)

R.T.: 12.673 min
Delta R.T.: 0.000 min
Response: 7024996
Conc: 49.21 ug/ml



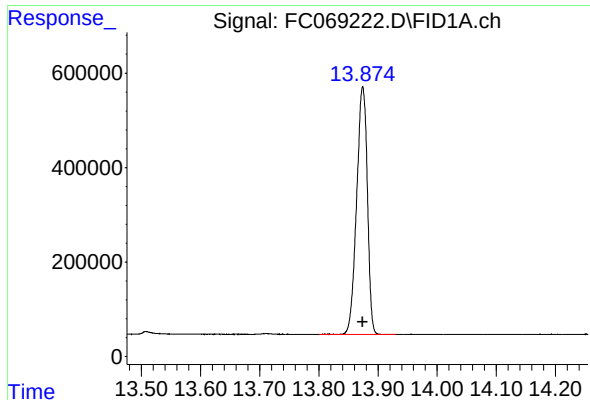
#11 n-Heneicosane (C21)

R.T.: 13.287 min
Delta R.T.: 0.000 min
Response: 6773542
Conc: 49.14 ug/ml



#12 1-chlorooctadecane (SURR)

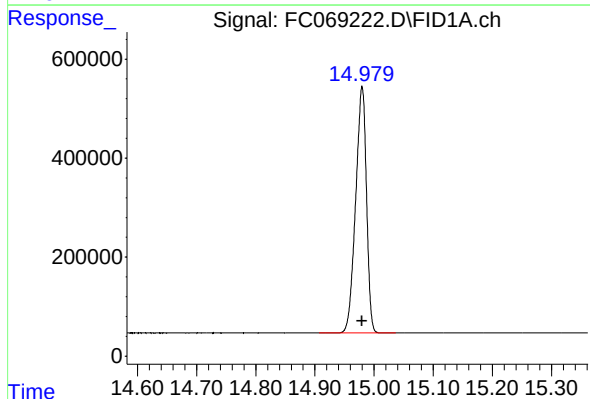
R.T.: 13.120 min
Delta R.T.: 0.000 min
Response: 6029490
Conc: 49.19 ug/ml



#13 n-Docosane (C22)

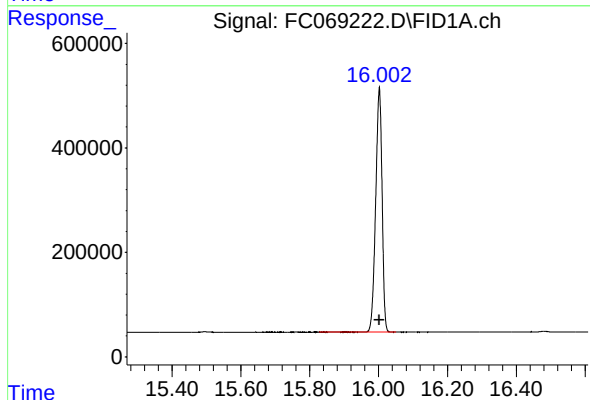
R.T.: 13.874 min
Delta R.T.: 0.000 min
Response: 6604673
Conc: 49.09 ug/ml

Instrument :
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50 PPM ALIPHATIC HC STD2



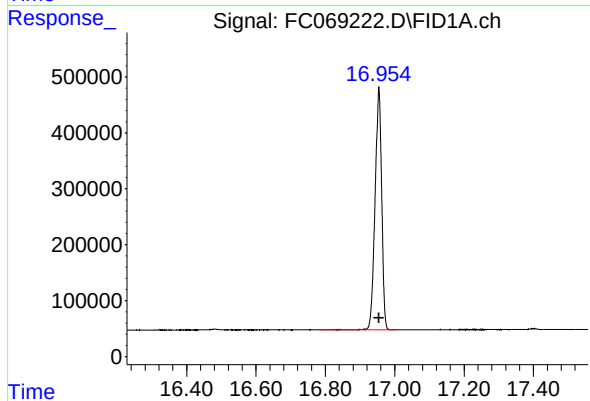
#14 n-Tetracosane (C24)

R.T.: 14.980 min
Delta R.T.: 0.000 min
Response: 6337022
Conc: 49.03 ug/ml



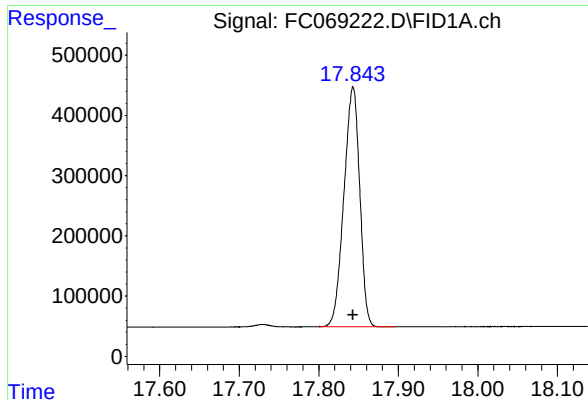
#15 n-Hexacosane (C26)

R.T.: 16.002 min
Delta R.T.: 0.000 min
Response: 6031220
Conc: 49.04 ug/ml



#16 n-Octacosane (C28)

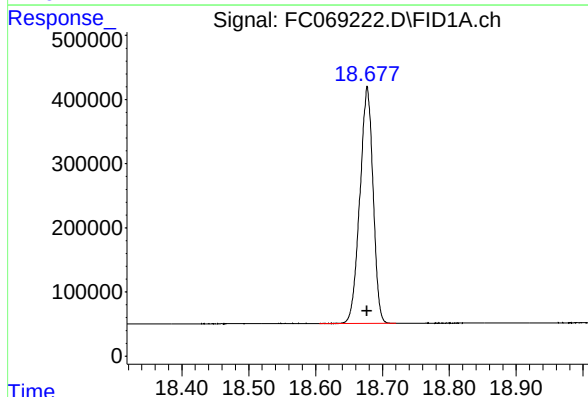
R.T.: 16.954 min
Delta R.T.: 0.000 min
Response: 5708418
Conc: 49.13 ug/ml



#17 n-Tricontane (C30)

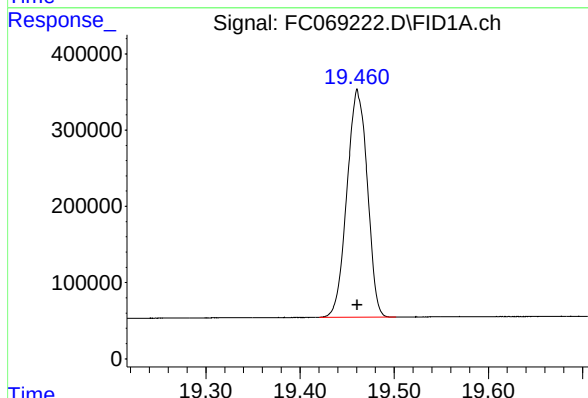
R.T.: 17.843 min
Delta R.T.: 0.000 min
Response: 5495136
Conc: 49.14 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



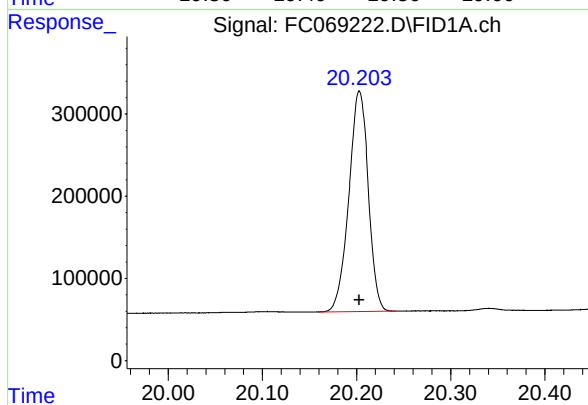
#18 n-Dotriacontane (C32)

R.T.: 18.677 min
Delta R.T.: 0.000 min
Response: 5055272
Conc: 49.26 ug/ml



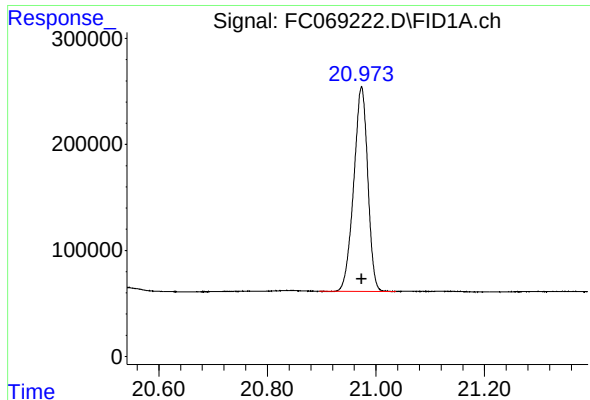
#19 n-Tetatriacontane (C34)

R.T.: 19.461 min
Delta R.T.: 0.000 min
Response: 4482554
Conc: 49.28 ug/ml



#20 n-Hexatriacontane (C36)

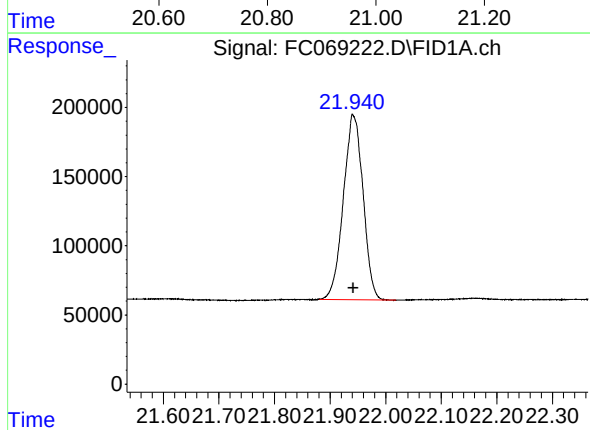
R.T.: 20.203 min
Delta R.T.: 0.000 min
Response: 3834019
Conc: 49.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.973 min
Delta R.T.: 0.000 min
Response: 3467597
Conc: 49.17 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.942 min
Delta R.T.: 0.000 min
Response: 3289975
Conc: 49.20 ug/ml